

Name:

Date: Score:

Writing Equations From a Table Worksheet

Write an equation in slope-intercept form using the table given below

Slope-Intercept Form $y = mx + b$

where, y = dependent variable
 x = independent variable
 m = coefficient of x
 b = y - intercept

1

x	y
0	6
1	7
2	8
3	9
4	10

Equation:

2

x	y
1	1
2	5
3	9
4	13
5	17

Equation:

3

x	y
2	12
4	16
8	24
10	28

Equation:

4

x	y
0	0
1	6
2	12
3	18

Equation:

5

x	y
5	4
20	10
30	14
35	16

Equation:

6

x	y
0	3
1	7
2	11
3	15

Equation:

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Answers

Slope-Intercept Form $y = mx + b$

where, y = dependent variable
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 b = y - intercept

1

x	y
0	6
1	7
2	8
3	9
4	10

Equation:

$y = x + 6$

2

x	y
1	1
2	5
3	9
4	13
5	17

Equation:

$y = 4x - 3$

3

x	y
2	12
4	16
8	24
10	28

Equation:

$y = 2x + 8$

4

x	y
0	0
1	6
2	12
3	18

Equation:

$y = 6x$

5

x	y
5	4
20	10
30	14
35	16

Equation:

$y = (\frac{2}{5})x + 2$

6

x	y
0	3
1	7
2	11
3	15

Equation:

$y = 4x + 3$